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L7: Entry 49 of 49

File: DWPI

Dec 7, 2001

DERWENT-ACC-NO: 2002-358901
DERWENT-WEEK: 200239
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TITLE: Whitening cosmetic composition containing crude drug extract as effective component

INVENTOR: LEE, Y G ; OH, M G

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SUNG B W

SUNGI

PRIORITY-DATA: 2001KR-0072279 (November 20, 2001)

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PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|------------------|----------|-------|------------|
| <input type="checkbox"/> <u>KR 2001106527 A</u> | December 7, 2001 | | 000 | A61K007/42 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---------------|-------------------|----------------|------------|
| KR2001106527A | November 20, 2001 | 2001KR-0072279 | |

INT-CL (IPC): A61K 7/42

ABSTRACTED-PUB-NO: KR2001106527A

BASIC-ABSTRACT:

NOVELTY - A process of preparing a whitening cosmetic composition containing crude drug extracts having excellent effects on suppression of tyrosinase activity and melanogenesis is provided. The extract may be used for all kinds of cosmetics and has no side effects even when used for a long period of time.

DETAILED DESCRIPTION - A mixture of 20 to 55% by weight of *Gleditsia japonica* Miq., 20 to 35% by weight of *Cimicifuga heracleifolia* Kom., 10 to 30% by weight of *Bletilla striata*, and 10 to 30% by weight of *Trichosanthes kirilowii* Max. is extracted with a solvent mixture obtained by mixing one or two or more selected from the group consisting of an ethanol aqueous solution, a methanol aqueous solution, a 1,3-butylene glycol aqueous solution, a propylene glycol aqueous solution and a glycerin aqueous solution and filtered, wherein the total weight of *Bletilla striata* and *Trichosanthes kirilowii* Max. is 2 to 50% by weight based on the total weight of the mixture.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: WHITE COSMETIC COMPOSITION CONTAIN CRUDE DRUG EXTRACT EFFECT COMPONENT

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A08; B04-A09; B04-A10; B14-N17; D08-B09A;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-101837

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L7 ANSWER 1 OF 20 MEDLINE on STN
ACCESSION NUMBER: 97028800 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8874813
TITLE: Antiinflammatory effect of *Trichosanthes kirilowii* Maxim,
and its effective parts.
AUTHOR: Ozaki Y; Xing L; Satake M
CORPORATE SOURCE: Division of Pharmacognosy and Phytochemistry, National
Institute of Health Sciences, Tokyo, Japan.
SOURCE: Biological & pharmaceutical bulletin, (1996 Aug) Vol. 19,
No. 8, pp. 1046-8.
Journal code: 9311984. ISSN: 0918-6158..
PUB. COUNTRY: Japan
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199701
ENTRY DATE: Entered STN: 28 Jan 1997
Last Updated on STN: 28 Jan 1997
Entered Medline: 9 Jan 1997
AB This study was carried out to elucidate the antiinflammatory effect of 50%
ethanol extract obtained from the fruit of Trichosanthes
kirilowii Maxm, and its effective parts. The cut dried fruit was
separated into the whole fruit, seeds and remaining parts, and each part
was extracted with 50% ethanol. The antiinflammatory activity
of these extracts was investigated on acetic acid-induced vascular
permeability in mice, carrageenin-induced edema and cotton pellet-induced
granuloma formation in rats, as well as writhing symptoms in mice. The
whole fruit and seed extractions showed an antiinflammatory activity and
analgesic activity, but the other part did not when given perorally.
These results suggest that the antiinflammatory effect and analgesic
effect induced by ethanol extract of the fruit of *T. kirilowii*
may be due to the seeds contained in the fruit.